. ف <i>ت</i>		·		52				1.	1			T	Lines F	#	100	⋾
ORM PTO-	1449	(modified)		•				Atty. Dkt. No.	M#			٦	lient F	<u>. اعم</u>	. PT (▋
		ent of Commerce						DKI. NO.				İ				: 3
M&S FOR	M PA	T-1449) Trademark Office							1						7.S	: 3
. Paten	it ano	Trademark Office														4
									: 28	3228		_ P	.307	3, Co	nt ÖS	1
	TIO	N DISCLOSUR	E STA	TEM	FNT			Applica	nt: DA	VIS ET AL					5	₹
NFORMA 3Y APPLI						•										_
Y APPLI	·	•		•				Appln.	No.: C	ontinuati	on of	08,	/871	.,64	1	
i										eptember						
Sen	temb	er 4, 2001	Page	1	of	18		Examir					rt Un	it: 16	345	
Jale.	<u> </u>		- age		10									-		
		OCUMENTS				Nama			_		Class	s	Sub		Filing	
Examiner'		Document		Date	^^~	Name (Family N	ame	of First	Invento	or)			lass	- 1	Date	
		Number		MM/Y	111	(Fairing N	aine	0, 1 1131	,,,,,						(if appropri	ate)
nitials*		, , , , , , , , , , , , , , , , , , , ,		07/19	84	Hayashi e	t al				424	1	01			\mathcal{L}
		4,457,916		01/19		Roser	<u>uı</u>				435	1	88			
<u> </u>	_	4,891,319				Bollin, Jr.	et al				514		77			
BTN,	_	4,762,857		08/19		Terminiel					436	_	30			
		4,774,192		09/19		Morison	0 61	ωı			1	7	<u> </u>	. 7		
	-	3,620,677		11/19			<u> </u>					#		7		
BTN	-	4,042,335		08/19			Clement Appar					/		T	1.	
BIN		4,022,876		05/19			Anbar					+				
		4,122,030			1978 Smith et al					1 1	\top	-1	\neg			
BTN		4,166,105		08/19							17	十	-		$\neg \neg$	
BTN		4,954,452		09/19		Yost et al			<u>-</u> -		† <i>†</i>	+	7			
BIN		4,742,011		03/19		Blake et a					11	1	/			
BIN		4,094,647		07/19	_	Deutsch					1/					
BIN		4,608,248		09/19		Bayer et					1	-1/				
BTN	NR	4,366,241		08/19	380	Tom et a	 					Engli	ish		Translati	ion
FOREIGN	PAT	ENT DOCUMEN	TS_				Τ.					Abst			Readily	_
	ļ	Document	Date	0001	Cour	itry	Inve	ntor Na	me					İ	Available	3
		Number	MM/	111								Enclo	osed	No	Enclose	No
			ļ		 		 			C12N						Τ
Bon,	OR	WO 87/00196	01/19		PCT		Ros			G01N						\top
BTN	PR	0 140 489	05/19		Euro		Бак	ata et al	_	JU 117						T
BIN	QR	0 212 599	03/19		Euro		╂									T
BIN	RR	0 199 205	10/19		Euro	-	+					 				T
BIN	SR	0 191 640	08/19		Euro		+-									\top
BTN	TR	0 154 749	09/19		Euro		1	vot a	· ~~ `	desed		 		V		V
	 un -	0 186 799	07/19		Eure		+			MEC _		 				Ť
BTN,	VR	0 250 137	12/19		Euro		UKI	HO Di	<u>70.</u>							1
BIN	WR	0 183 442	06/19		Euro		+-			<u> </u>		_		\vdash		\top
B7W	XR	0 212 603	08/19		Euro		<u></u>	.	2021 0	ogos etc.)		 			 	十
	nclud	ing in this order	<u>Author</u>	, Title,	Perio	dical Nam	e, Da	ite, Perli	nent P	ages, etc.)	, 	1				1
BIN	YR	Carpenter et al	, Elsev	ier Sc	ience	<u>Publishers</u>	B.V.	Riome	oicai D	ivision), 1907		-		+	 	十
1	ZR	Crowe et al, J.	Bioche	m., 24	12:1-1	0 (1987)						-		+	 	+
{	AAF	Ikram et al, J. o	of Virol	ogical	Metho	ds, 13:14	3-148	(1986)				\vdash		+-	+	+
¥	BBF	Ansari et al, J.	Immur	ologic	al Me	thods, 84:	117-1	24 (198	5)			-		1	+	+
	CCI	Hellman et al, l	<u> Biochir</u>	mica /	As Bio	physica Ad	ta, 7	49:133-	142 (18	103)	· <u>-</u>	 	 -	1	 	+
15TW	DDI	Arakawa et al,	Bioche	mistr	<u>/, 21:6</u>	<u>536-6544</u>	(198	۷)	Consid		2510				1	
1 38/100																

	•						1	Atty.	M#			ľ	Client Re	١.		1
ORM PTO-1	449 (r	nodified)						okt. No.]				
): U.S. Dep	artme	nt of Commerce					- 1		}							
M&S FORM	1 PAT	-1449) Frademark Office					l					1				
. Patent	anu i	lauemark Omoc					- 1						P3073/	Cont		7
							Ļ		28322			1				7
		DISCLOSURE	CTA	TEME	NT		Į.	Applicant	: DAVI	SETAL						1
IFORMA	TION	DISCLOSURE	317	,			١									\dashv
Y APPLI	CAN	ĭ					Ī	Appin. No	o.: Con	tinuation	of 08	1/871,I	541 			\dashv
										tember 4,	200	1				\dashv
					. ſ	10		Examine			G	roup	Art Unit	: 164	15	4
ate: Septe	mber	4, 2001 P	age	2 01		18		LXairiiito								╛
IS PATE	NT DO	OCUMENTS									Cı	ass	Sub	F	iling	1
xaminer		Document		Date		Name		. 					Class	1-)ate	
Xaiiiiiei	1	Number		MMYY	YY	(Family Na	me	of First in	ventor)		1			G	f appropria	te)
nitials*,	, I													\mathcal{I}		Δ
	AR	4,169,138		03/197	7	Jonsson						$\neg \uparrow$		71	/	' floor
		4,373,932		01/198	1	Gribanau 6					\dashv		 	71	$\overline{}$	
		4,032,536		08/197	8	Longenec	ker				+	-+	 	<i>†</i> †		
<u> </u>		4,168,146		01/197	6	Grubb et ta	<u>al</u>				-	+	 	-		
_ 				09/198		Forrest et	al						├ ─ <i>─</i>	\dashv		
BTN,	-	4,659,678		02/199		May et al					\dashv	-		- 1		_
BTW,		5,602,040		04/199		May et al					_	-	 			
BIN	 	5,622,871		09/199		Zuk et al							 - - - - - - - - -			_
BIN	HR	4,956,275				May et al						<u>_</u>	 - - 			_
BTN	IR	5,656,503		08/199		Uliman et						<u>L</u>	11.			
BTN	JR_	4,857,453		08/19								l	$\perp \! \! \! \! \! \! \! \! \! \! \! \perp$			
BIN	KR	4,999,285		03/19		Stiso Coleman	ot a						14		 	
BIN.	LR	5,079,142		01/19				<u>'</u>					7/			
37N	MR	5,591,645		01/19		Rosenste	111	1,,0	licate	7 ,			7/			_
	NR	5,656,503		08/19	97	May et al		any	HOMO	<u></u>		E	nglish		Translati	ion
CORFIGN		ENT DOCUMEN	TS									/	Abstract		Readily Available	e
FUNCION	1	Document	Date	;	Cou	intry	Inv	entor Nar	ne						, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	_
		Number	MM/	$\gamma\gamma\gamma\gamma$			1		1			l,	Enclosed	No	Enclose	N
1 .	1		1		1		1									Τ
					1		1							\vdash	ł	T
. 14.7111	lon	WO 86/04683	08/1	986	PC	Γ	V,	oehri		·						╅
BIN		WO 86/04683	08/1	986 987	PC PC		V,	oehri	nger							- 1
BIN	, PR	WO 87/02774	05/1	987	PC	Τ	+		0							+
BIN	PR QR	WO 87/02774 2 986 041	05/1 05/1	987 1982	PC U.K	T (+		0							+
BIN	PR QR RR	WO 87/02774 2 986 041 0 299 428	05/1 05/1 01/1	987 1982 1989	PC U.K Eu	T Cope	1	Alobatt	Lab							
BIN	PR QR RR SR	WO 87/02774 2 986 041 0 299 428 1 185 882	05/1 05/1 01/1 11/1	1987 1982 1989 1981	U.K Eur Ca	T Cope nada	1	Alobatt	Lab	CODA						+++
BIN BIN BIN BIN	PR QR RR SR TR	WO 87/02774 2 986 041 0 299 428 1 185 882 253 581	05/1 05/1 01/1 11/1	1987 1982 1989 1981 1988	PC U.K Eu Ca Eu	rope nada rope	F	Abbott ASTM/	Lab							++++
BIN	PR QR RR SR	WO 87/02774 2 986 041 0 299 428 1 185 882 253 581 279 097	05/1 05/1 01/1 11/1 01/1	1987 1982 1989 1981 1988	PC U.K Eu Ca Eu	Tope nada rope	F	Alobatt	Lab		<u> </u>					+++++
BIN BIN BIN BIN	PR QR RR SR TR	WO 87/02774 2 986 041 0 299 428 1 185 882 253 581 2 279 097 2 016 687	05/1 05/1 01/1 11/1 01/1 08/1	1987 1982 1989 1981 1988 1988	PC U.k Eu Ca Eu Eu	rope nada rope rope	F	Abbott ASTM/	Lab		<u> </u>					+++++++
BIN BIN BIN BIN BIN	PR QR RR SR TR	WO 87/02774 2 986 041 0 299 428 1 185 882 253 581 279 097 2 016 687	05/1 05/1 01/1 11/2 01/2 08/2 09/	1987 1982 1989 1981 1988 1988 1979	PC U.K Eur Ca Eu Eu U.I	rope nada rope rope K.	F	Abbott ASTM/	Lab		<u> </u>					
BIN BIN BIN BIN BIN BIN	PR QR RR SR UR UR WI	WO 87/02774 2 986 041 0 299 428 1 185 882 253 581 279 097 2 2 016 687 R 125 118	05/1 05/1 01/1 11/2 01/2 08/2 09/2 11/2	1987 1982 1989 1981 1988 1988 1979 1984	PC U.K Eu Ca Eu Eu U.I	rope rope C. rope rope C. rope	F	ASTM/ Senesis	Lab Lab							
BIN BIN BIN BIN BIN BIN	PR QR RR SR UR UR WI	WO 87/02774 2 986 041 0 299 428 1 185 882 253 581 2 279 097 2 2 016 687 R 125 118 R 186-100	05/1 05/1 01/1 11/2 08/2 09/2 11/2	1987 1982 1989 1981 1988 1988 1979 1984 1986	PC U.K Eu Ca Eu U.I Eu	rope nada rope rope K. rope inope inodical Nam	F. C.	ASTM/ Senesis	Lab Lab	ages, etc.)						
BIN BIN BIN BIN BIN BIN BIN BIN BIN	PR QR RR SR UF VF WI XF	WO 87/02774 2 986 041 0 299 428 1 185 882 253 581 2 279 097 2 2016 687 R 125 118 R 186-100 uding in this order	05/1 05/1 11/2 01/2 01/2 08/2 09/2 11/2 07/2 Author	1987 1982 1989 1981 1988 1988 1979 1984 1986 or, Tille	PC U.K Eu Ca Eu U.I Eu	rope rope K. rope rope K. rope rope iodical Nam	He, C	ASTMA Denesis Date, Pert	Lab Lab inent P	ages, etc.))	and				
BIN BIN BIN BIN BIN BIN	PR QR RR SR UR VF VF VF VF VF	WO 87/02774 2 986 041 0 299 428 1 185 882 253 581 2 279 097 2 2016 687 R 125 118 R 186-100 uding in this order	05/1 05/1 11/2 01/2 01/2 08/2 09/2 11/2 07/2 Author	1987 1982 1989 1981 1988 1988 1979 1984 1986 or, Tille	PC U.K Eu Ca Eu U.I Eu	rope rope K. rope rope K. rope rope iodical Nam	He, C	ASTMA Denesis Date, Pert	Lab Lab inent P	ages, etc.))	ı and				
BIN BIN BIN BIN BIN BIN BIN BIN BIN	PR QR RR SR UF VF WI XF	WO 87/02774 2 986 041 0 299 428 1 185 882 253 581 279 097 2 2016 687 R 125 118 R 186-100 dding in this order R Lee et al, J. of	05/1 05/1 01/1 11/2 08/2 09/2 11/2 07/2 Author Biolo	1987 1982 1989 1981 1988 1988 1979 1984 1986 or, Title	PC U.k Eu Ca Eu U.l Eu Eu n, Per heminal Sy	rope rope K. rope rope iodical Name stry, 256(14)	E C C	ASTMA Senesis Date, Pert 193-7201 ological F	Labsinent P (19981	ages, etc.))	ı and				
BIN BIN BIN BIN BIN BIN BIN BIN BIN	PR QR RR SR UF VF VF VF ZF	WO 87/02774 2 986 041 0 299 428 1 185 882 253 581 2 279 097 2 2 016 687 R 125 118 R 186-100 Diding in this order R Lee et al, J. of R Carpenter et a Formulation (1	05/1 05/1 01/1 11/2 01/2 08/2 09/2 11/2 07/2 Author F Biologal, Inter 1990)	1987 1982 1989 1981 1988 1988 1979 1984 1986 or, Title ori, Title	PC U.k Eu Ca Eu U.l Eu Eu An An An An An An An An An An An An An	rope nada rope rope C. rope irope iodical Nam stry, 256(14 rmposium o	E C C C C C C C C C C C C C C C C C C C	ASTMA Denesis Date, Pert 193-7201 Ological F	Lab Lab inent P (19981 Product (1995)	ages, etc.))	ı and				
BIN BIN BIN BIN BIN BIN BIN BIN BIN	PR QR RR SR UR VF VF VF VF ZF	WO 87/02774 2 986 041 0 299 428 1 185 882 253 581 279 097 2 2016 687 R 125 118 2 186-100 Diding in this order R Lee et al, J. of R Carpenter et al Formulation (1	05/1 05/1 01/1 01/1 01/1 08/1 09/1 11/1 07/1 Author 1990)	1987 1982 1989 1981 1988 1988 1979 1984 1986 or, Title gical C	PC U.k Eu Ca Eu U.l Eu Eu eu eu eu eu eu eu eu eu eu eu eu eu eu	rope nada rope rope C. rope iodical Nam stry, 256(14 roposium o	E C C	ASTMA Senesis Date, Pert 193-7201 ological F 135:81-93 1-368 (199	Lab Lab: Lab: 19981 Product (1995)	ages, etc.)) Freeze-Di)	ı and				
BIN BIN BIN BIN BIN BIN BIN BIN BIN	PR QR RR SR TR UF VF VF VF ZF AA BI	WO 87/02774 2 986 041 0 299 428 1 185 882 253 581 279 097 2 2 016 687 R 125 118 R 186-100 dding in this order R Lee et al, J. of R Carpenter et al Formulation (1 AR Obringer et al BR Yoshioka et al	05/1 05/1 01/1 01/1 08/ 09/ 11/ 07/ Author F Biolo al, Inte 1990) , J. of	1987 1982 1989 1981 1988 1988 1979 1984 1986 or, Title or, Title or, Title	PC U.K Eu Ca Eu U.I Eu Eu Eu Online Eu Eu Eu Eu Eu Eu Eu Eu Eu Eu Eu Eu Eu	rope rope K. rope rope iodical Nam stry, 256(14 rmposium o ical Method graphy, 566;	F C C C C C C C C C C C C C C C C C C C	ASTMA Senesis Date, Pert 93-7201 ological F 35:81-93 -368 (199 130:263-	inent P (19981 Product (1995) 01) 275 (19	ages, etc.)) Freeze-Di)	, and				+++++
BIN BIN BIN BIN BIN BIN BIN BIN BIN	PR QR RR SR TR UF VF VF VF ZF AA BI	WO 87/02774 2 986 041 0 299 428 1 185 882 253 581 2 279 097 2 2 016 687 R 125 118 R 186-100 Diding in this order R Lee et al, J. of R Carpenter et a Formulation (1	05/1 05/1 01/1 01/1 08/ 09/ 11/ 07/ Author F Biolo al, Inte 1990) , J. of	1987 1982 1989 1981 1988 1988 1979 1984 1986 or, Title or, Title or, Title	PC U.K Eu Ca Eu U.I Eu Eu Eu Online Eu Eu Eu Eu Eu Eu Eu Eu Eu Eu Eu Eu Eu	rope rope K. rope rope iodical Nam stry, 256(14 rmposium o ical Method graphy, 566;	F C C C C C C C C C C C C C C C C C C C	ASTMA Denesis Date, Pert 193-7201 ological F 35:81-93 -368 (199 130:263-2 5:35-40 (inent P (19981 Product (1995) (1) (275 (19	ages, etc.)) Freeze-Di	rying					++++++++

mongs.

FORM PTO) (modified) nent of Commerce						Atty. Dkt. No.	M#		,	Client	Ref.		
(PM&S FOR	•		, 1					DAL WO.				ĺ			
		Trademark Office	•												
												Ĺ			
									283228			P307	/3/C	ont	
INFORMA	ATIO	N DISCLOSU	RE ST	ATEN	JENT			Applicant	DAVIS ET AL						
BY APPL															
								Appln. No	o.: Continuation of	of 08/8	371,	641	-		
								Filing Dat	te: September 4,	2001					
Date: Sept	embe	er 4. 2001	Page	3	of	18] .	Examiner			up /	Art U	nit: 1	645	
		OCUMENTS			. 1.,	!			,						
Examiner		Document		Date		Name				Clas	s	Sub		Filing	
S		Number		1	/		lame	of First Inv	ventor)			Class	5	Date	
Initials*									,	l				(if approp	nate)
BIN	AR	6,187,598 B1		02/20	01	May et al		-						, ;	Г
BIN.		4,727,019		02/19	988	Valkirs et				435	\neg	5			Γ
BTN.	_	4,891,324		01/19	90	Pease et	al	·		436		519			
BTN		4.943,522		07/19	990	Eisenger	et al			422		101			
BIN	-	4,978,504		12/19	90	Nason	٠,			422		56			
BIN		5,078,968		01/19		Nason			•	422		56			
BIN		5,079,174		01/19		Buck et a	ı			422		56			T
BIN	_	5,075,078		12/19		Osikowic	z et al			422		56			T
BIN		5,160,701		11/19		Brown III				435	\Box	7.92			\top
BIN		5,206,177		04/19		DeLaCro	x et a			435	-	7.92			十
BIN.		5,217,405		06/19		Marchand				435	\neg	7.91	,		T
BIN		4,774,192		09/19		Terminiel			*** *** *	436	\rightarrow	530			t
BIN	-	4,861,711		08/19		Friesen e	t al			422	コ	56x			\top
BTN		4,963,468		10/19		Olson				435	一	7.91			
	<u> </u>	ENT DOCUMEN	TS	<u></u>		L					Eng	lish		Translati	ion
FOREIGIN		Document	Date		Coun	trv	Inver	ntor Name			Abs	stract		Readily	_
	•	Number	MM/Y	YYY		y					1			Available	3
					l						Enc	closed	No	Enclose	No
BTM	OB	0 249 418	12/19	87	Europ	ne	Grah	am			\vdash				\vdash
	_	0 291 194	11/19		Europ		May				t		<u> </u>		
Dill	QR	201 104	1		,			- -			T				
<u> </u>	RR		<u> </u>		 		-		 	-	T			l	
	SR				 				1						T
	TR		<u> </u>								\Box				
	UR										\vdash				\sqcap
	VR		 								\Box				\sqcap
	WR	 	† —	•						•			-		\Box
	XR		 												T
OTHER //~		ng in this order A	uther	Title 1	Period	ical Name	Date	Pertinen	t Pages etc \		十				Ħ
BIN		Eckerskorn et a									1			.	
1/10		Aebersold et al,				_			(1986)		 				$\vdash \vdash$
		Vanderkerckhov							(.000)		\vdash				Н
 		Kato et al, J. Bio					13	(.500)			 				$\vdash \vdash$
		Jones, IVD Tech				(1317)					\vdash				H
BIN		Miller et al, Phar				ch 15/8)	1215-	1221 (199	8)	-	\vdash				Н
Examiner		<u>'=</u>	macet		.cocai	, ··(u).		Date Cons		25	/ /	<u></u>			
*EXAMINE		52 yes	psidora	d who	ther or	not citation			ce with MPEP § 609				uch :	citation :	\dashv
									cation to Applicant.	,. Ula	** (11)		.ugii '	SCEUVII II	.

FORM		444	0 /		4:6:	٠٨١				Atty.	1	vi#		Client Ref.	
To: II	171U	nart	me me	nt o	of C	eu) Lom	merce			Dkt. I	4				
(PM&S															İ
(PNA)	Pater	nt ar	id T	rad	len	, nark	Office				j				
┨											L				
1	•									1		283228		P.3073/C	ont
		.		ο.	c/	~ı /	SCHEE S	TATEMENT		Appl	licant:	DAVIS ET A	L		
					31	JL	JOUNE 3	TATEMENT		``					
BY A	PPL	ICA	71.4	ı						App	lo No	Continua	tion of 0	8/871,6	41
, '													r 4, 2001		
1									٦	$\overline{}$					646
Date:	Se	pte	mb	er	4	, 2	2001 Page	e 4 of 18	<u> </u>	Exa	miner:	Portner	Group /	Art Unit: 1	045
U.S. F	PATE	NT	DC	CL	JM	EN.	T\$								
								Name	•			I Class	Subclass	ı Filin	g Date
niner's :ia <u>ls</u>		Docu	mer	T N	UM	per	Date Mo/Yr	(Family Name of F	irst li	nvento	or) 🧓	0,433	54501434		opriate
. 1013				הו		٠,		Anbar		مييلة	li cat	tb.	. /	ļ	
	-AR	_	7	75	*	7				$\overline{\cdot}$			7		
	BR	-	1	2 2	이	3 0	10/1978	Smith et al.			licat	. /	 	 -	-/
	€R -	-	Ы,	واه	닊	0 5	08/1979	-Hirschfeld		duo	icas	<u>te</u> /		_	/
				٦		ماء	0443000	- Weng et al.		luio	licat	1 /			
	DR	-	Н	7	H	618					licat	7	1/		 .
	-ER	4	2	5 4	1	5 2		Yost et el		up.	livan	435	7.92	 / 	
BIN	FR	5	1	2 0	6	43	06/1992	Ching et al				435	7.32	//	
	GR		П	Т		П						<u> </u>	1		
	1	╁╌	H	十	Т	H							T		
	HR	-	Н		╀	╀	 						1	1	
	IR		Ц	Ш	L	Ш	ļ	1	<u></u>			- 	 	 	<u> </u>
	JR	l				Ш									<u> </u>
		\top	Τ	П	T	П	T				•	· N		1	
	KR	╁╌	十	H	t	H	 								-
	LR	┼	+	╁┼	╀	╁┼	 -	<u> </u>		<u>·</u>		- 		+	
	MR	1_	L	Ш	丄	Ш	<u> </u>	1			· .		<u>.,L</u>	- Iran	slation
		100	CLIM	ont	No	mbe	ri Date	FOREIGN PATENT Country	I Eng	lish .	Abstrac	t Class	Subclass	Readil	y Available
			CUIN				Mo/Yr		Enc	osed	No			Enclose	d No
	NR	Τ.	Τ.	Π	١		1		1						
	\neg		十	$\dagger \dagger$	1	\sqcap	· ·			٠.				1	
	OR	+-	+	┼╂	+	╁┤	 		+						:
	PR	4	4	$\!$	4	44	 	 	+-						
	QF			Ц		$oldsymbol{\perp}$			_ _						
	RF	Т	T	П	Π				_						
		\neg	T	H	\dashv	\top							1		
PHRD	SI	TIME	<u></u>	S	In	clur	ing in this	s order Author, Title, P	eriodi	cal Na	ame. Dar	te. Pertinent	Pages, Etc.	Σ	
		-						for Reducing Non-Specif					•		
2-1	<i>]</i> T	- 1-					-								
12/		_	Im	uno	sor	ben	t Assays".	Journal of Immunological	Metho	<u>ids, 8</u>	5 (1985) pp. 409-419	<u> </u>		
- 1	l u	R _	<u>Voq</u>	t.	Jr.	<u>et</u>	al., "Quan	titative differences amo	ong var	ious	proteir	s as blocking	agents		
- 1		- ו						ates", Journal of Immuno							
+	+	$\neg \tau$						•						·	
n	. / v	'R E	loma	no	et	aì.	<u>"An Antiq</u>	lobulin Reagent Labelle	<u>a With</u>	Colle	oldal Go	old for Use I	n Electron		
ЮΠ	$V \perp$		<u>lic</u> i	<u> </u>	:OD	y*.	Immunochemi	stry, 1974, Vol. 11, pp	521-	522.	·. <u>.</u>				
MIN	BR A		_				_	···			}	DATE CON		5/02	
		γ	<u>L</u>	x)	ب	w	12						• /		b
TAMI	NBF.	Ĭı	111	ıπ	if	Ait	ation consi	dered, whether or not considered. Include copy	itatio	n is i	in confi	ormance with next communi	mrer 609; Ora	aw iine th blicant	rougn
11100	17 KB	JE 11	n C	onto	חוונ	ыпсе	enu not co	Maturicu. Hichale CODY	<u> </u>	13 10	<u>, w </u>	THE COUNTY			

ORM PTO-1449 (modified)	Atty. M	#	C	li nt Ref.
D: U.S. Department of Commerce			ŀ	•
M&S FORM PAT-1449) - Patent and Trademark Office				lu.
Patent and Troublest Control	-			0070/5
		283228		2.3073/Cont
FORMATION DISCLOSURE STATEMENT	Applicant: I	DAVIS ET AL	•	
APPLICANT				
AFFLICANT	Appin. No.:	Continuati	on of 08/	871,641
•	Filing Date:	September	4, 2001	
September 4, 2001 Page 5 of 18	Examiner: I	_	Group A	art Unit: 1645
ale: September 1, 101				
S. PATENT DOCUMENTS			Subclass	Filing Date
Pr's Document Number Date Name Name Mo/Yr (Family Name of Fire	st Inventor)	Class	Subclass	If Appropriate
77 AR 3 4 1 0 8 3 9 11/1968 De Carvalho		1		<u> </u>
74		1		
1701 BK 3 0 2 2 3 3 4 4 4 4 4 4 4 4				
111 CK 3 3 1 3 1 1 1 1 1 1				· .
TN DR 4 3 1 5 9 0 8 2/1982 Zer		1		
7/V, ER 4 3 6 6 2 4 1 12/1982 Tom	<u> </u>		 	
W FR 5 0 7 3 4 8 4 12/1991 Swanson			1	+
TN GR 4 4 3 5 5 0 4 3/1984 Zuk			 	
A Condon	·		 	
MY 4 14 (31612) 0 2 3723			1	
OIT 1K 4 4 4 10 1 10 15 12 1		1	1	
BTV JR 4 5 9 4 3 2 7 6/1986 Zuk	•			
BTN KR 4 5 5 2 8 3 9 11/1985 Gould	<u></u>			
BTN LR 4 3 1 3 7 3 4 2/1982 Leuvering	<u> </u>		1	
OTO MR 4 6 9 5 5 5 4 9/1987 O'Connell PATENT	DOCUMENTS		\\	Translation
Document Number Date Country	I English Abstra	ct Class	Subclass	Readily Available
Mo/Yr	Enclosed No			
37N NR 2111676 7/1983 GB				
OR 63810 11/1982 EP				
BTM PR 1 5 2 6 7 0 8 9/1978 GB			_	
 /// 				
- QR		·		
RR				
OTHER DOCUMENTS (Including in this order Au	thor: Title, Per	iodical Name.	Date Pertin	ent Pages, Etc.)
1 1 1079				
Glad et al. Analytical Biochemistry (65) 1976.				
19/10	175 100			
UR Gribnau et al. J. Chromatography 376 (1986) p	p. 175-189			
		Col Port4	cle Immur	noassay for Huma
VR Leuvering et al, "Optimization of	a Sandwich	SOI Parti	CIE IMM	104 (1082)
Chlorionic Gonadotrophin", J. of	Immunologic	al Methods	NSTORER	104 (1307).
MINER A		DATE C	7/25/	102 ·
manues	denie is in co	informance wit	5 MDED 609:	Draw line through
AMINER: initial of cheation considered, whether or not tion if not in conformance and not considered. Include cop	cicacion is in co y <u>of this form w</u>	th next comm	unication to	applicant.
tion if not in conformance and not considered. The tion 149 2/90(PC)			•	
y			•	

ORM PTO-1 o: U.S. Dep	artme	ent of C	om	merc		_•				Atty. Dkt. No.	M#				. CI	ient (Ref.		
PM&S FORM	A PAT	-1449)								283	228			P	.30	73/Co	nt	
NFORMA	TION	ı DIS	CL	osı	JRE ST	ATE	MENT			Applicar	nt: DA	VIS E	TAL						
APPLI	CAN	T	-						<u>.</u>	Appln. I Filing D	No.: Co	nti epte	nuat: mber	4, 2	001				
Date: Sep	temb	er 4	, 2	200	Page	6	of	18		Examin	er: Por	tner		Gı	roup A	и U	nit: 16	45	_
U.S. PATE	NT D	ocui	ΛEΙ	ITS								Cla	 ss 1	Subc	lass		Filin	ng Date	2
iner's	Docu	nent N	umbe	r	Date Mo/Yr			Name	Name of First	Inventor)					\overline{I}		f Appr	opriat	<u>.e</u> .
BIN AR	1	6 7 8		11	7/1987	-	LAPKIN								$\int_{-\infty}^{\infty}$			/	·
BOTN BR	+	906	\neg	Γ	3/1990		RENNER LIOTTA						\Box			1_	<u> </u>	+	<u>:</u>
BTM CR	$\overline{}$	8 3 7 9 6 0		11	6/19898	1	GORDON									+	<u>:</u>	+-	 ·
BIN DR BIN ER	1	8 1 0	\Box	11	3/1989	1	BURKHARDT					. :		├	+	+-		+	
BIN FR	1	9 5 6	П	11	9/1990		ORDON		·				+		+-	+		/ 	
GR		956	2	45	9/1990	+	ZUK:		dupli	cate_			+-	+-	+	十	<u> </u>	 	
BTN HE	3	6 6 6	14	2 1	. 5/1972	 -	PRICE				:		+	1	1				
BM 11		TTI	$\neg \neg$	- 1 1	4/1975	7	KOFFLER	• :					1			\Box	1		·
BIN J	3 5	0 8	T	7 1	2/1992	7	CHUN						I_{-}			\perp			
BINK	$\frac{R}{4}$	14 9	3 7	9 3	1/198	+	CHU			:			<u></u>	1	ļ	_}	—		
	\neg	+++	+	H		十	. •					<u> </u>			·		Tra	ans lat	10n
<u></u>	R I	cument	Nu	mber	Date	Ŧ		N PA ntry	TENT	English A	bstract No	-1	Class	1 5	Subclas	S	Read! Enclos	ily Ava	ailable No
			_		MO/ 11		EP			Encrosed									
	NR W		П	TT	7/198		WO					1					\	$-\!\!\!+$	
		6 0 3	1813	191	1/130	1				·							\	-+	
	PR OR	-++	H	11	1.					1			<u> </u>				+		
	RR	-11										+					+-		
						nc)	ding in t	his o	rder Auth	nor. Title	Period	ical	Name.	Date.	Pertir	ent	Pages	Etc.)
		THER	DC	COL	MENIS (inc in	<u> </u>						•						•
	TR			 -						:					•				
														•			· ·	· .	
	UR				·		: .	•:	· _				·						
	VR	 																	
	\ \		·									A.C.	TE C	ONSI	DERKE	,			
MINE	1	1)						•		Ì			7/	25/	02	× 1100	+h-01	igh
UAMINI	R:	Initi	S i	red red	tationed	ns10	ered. whe	ther o	or not co	tation is of this fo	in cont orm with	orman	nce wit t comm	in MPE unicat	r ous: tion to	app	licant	<u> </u>	.
710n 1 7449 2	f not /90(<u>in co</u> C)	nfor	manc	e and no	<u> </u>	15 1021 60.	<u> </u>	our copy	<u> </u>				•			•		,
					•			•					٠.						
					٠					•.									
										•									

l	/#			
-	202220			3073/Cont
4 11 4		Τ ΔΙ		3073
Applicant:	DAVISE	I AL		
Apple No			of 08/	/871_641
Filing Date	Septer	nber 4,	2001	
		G	roup Ar	t Unit: 1645
TEXAMINET.	1 0/11/01			
	l Class	l Subc	lass I	Filing Date
Inventor)	1	-/		If Appropriate
	<u> </u>	/	4	
		1	\perp	
uplicate				· .
alicate				
p noco-				
٠.				
0-TO 140 0-	+ 10			
4 10 MU E	1 ax			
	- - -			· .
			/	
			 	1 1
CUMENTS	<u></u>		<u> </u>	
English Abstr		ass Su	ibclass	Readily Available
110,0300				
			•	
r. Title, Per	iodical Na	me Date.	ertinen	t Pages, Etc.)
		·		
	•			
				•
· ·				•
•				
	DATE	CONSIDI	RED	
		-	ォノ つノ	ニノクン
	Applicant: Appln. No. Filing Date Examiner: Inventor) ATOMO & COMENTS English Abstranclosed No.	283228 Applicant: DAVIS E Appln. No.: Contin Filing Date: Septer Examiner: Portner Class Inventor) Class ATOMO et al A	283228 Applicant: DAVIS ET AL Appln. No.: Continuation Filing Date: September 4, Examiner: Portner G Inventor) Class Subc Applicate ATDMD et al ATDMD et a	Applicant: DAVIS ET AL Applicant: DAVIS ET AL Applicant: Continuation of 08/ Filing Date: September 4, 2001 Examiner: Portner Group Ar Inventor) Class Subclass Applicate ATDMD et al ATDMD et al Class Subclass Comments English Abstract Class Subclass nclosed No Class Subclass

٠<u>٠</u>

RM PTO-144 U.S. Depar M&S FORM F Patent a	tmer PAT-	t of 1449	Co })	wiu					Atty. Dkl. No.	M	 h#				ent Ref.		
							•				2832	228		Ρ.	3073/Co	nt	
			_	_	٠.	IDE CT	ATEMENT		Applica	nt: 1	DAV	S ET AL					
FORMATI	ON	DIS	C	ĿO	St	JKE SI	A I EIVIEN I										
Y APPLICA	-								Appin. 1	٠c	Co	ntinuat	ior	of 08/	8/1,64	1	
)									Filing D	ate:	.Se	ptember	: 4,	2001			
ste: Sept	emb	er	4	, 2	200	01 _{Page}	8 of 18		Examin					Group Ar	<u>t Unit: 16</u>	345	
S. PATENT	DO	CU	ИE	NT	s									·····	1		
ner'sl D	ocuine					Date Mo/Yr	(Family Name	Name of First	Inventor))		Class	S	ubclass	Fili If App	ng Dat ropri	te ate
als To a	4 8	ماد	٦	1/2	T	02/1989	Greenguist					<u>.</u>	↓_		ļ		
TN AR	4 8		П	7		08/1989	Masuda et al				1_	·	1_				<u> </u>
IN BR		т	П		П	09/1989	Ito et al								_		· _
DITY CR	\neg	6 8	17		١.		Zuk et al	-					1_		\		
DR DR	<u> 4 9</u>	5	12	۳	+	09/1990	Zuk et ai							: 			
ER	+	++	╁	╁	+				•		丁		T				·
FR:	-	╁┼	+	H	+						十						
GR	-	+	+	H	+						_		\top			•	
HR		\mathcal{H}	+	\Box	+			···-		·-			+	• .			
IR		\perp	4	Ц	4		·				\dashv		十				
JR		\perp	1	Ц	4	<u> </u>					-+		十				
KR				1 1	\perp							 	+	<u> </u>	+		
. LR		\perp	Ц	1	Ц		·		<u> </u>	.			-				
MR				\perp	Ц		PORPIGN PA	anne w	PEMENT	s.			<u>-</u> -			ans lat	ion
	Doc	mer	t N	lumb	er	Date	Country	. []	English A	<u>DST r</u>	act	Class		Subclass	Enclo	sed	vailable No
	-	[П		Τ	Mo/Yr			nc rosear				\neg		·		
NR	 -	H	╀	\vdash	╀	-											
OR	╀	$\!$	╀	${\mathbb H}$	+							1					
PR	1	\coprod	+	H	+					·-		 	٠.				
GR	4	Ц	4	\coprod	4	4				-		1			$\neg \vdash$		
RR	4	Ц	1	Ц	4	-						+		-	$\neg \uparrow \neg$		
SF	<u>. L</u>	\prod	Ţ	لِل		- C	ncluding in this or	der Autho	r. Title	Per	riodi	ca) Name.	Dat	e. Pertin	ent Pages	. Etc	.)
	OT	HEF	D	OC	UM	ENTS ()	including in this of	SET FORTIO									
	n 1					.	<u> </u>										
π	` -																
π	<u> </u>		_														
π	-		<u>-</u>														
	-			-												·	-
Ů	-			-												<u>. </u>	
·	R _			-							·	DATE C	ONS	IDERED			
MINER	R		· ·				nsidered, whether o				İ		•	7	1/25/		

7. %

	Atty.	M#	-0-		Client Ref.	
ORM PTO-1449 (modified) : U.S. Department of Commerce	Dkt. No.	1,4,1,2				j
18.S FORM PAT-1449)						
Patent and Trademark Office		ł				
T dioni and Treatment 2		- 00	0000			
			3228		P.3073/Cont	
FORMATION DISCLOSURE STATEMENT	Applica	int: DA\	/IS ET AL			
APPLICANT	Appin.	No.: Co	ntinuati	ion of 0	8/871,641	
)				4, 2001		
Soptember 4, 2001 Page 9 of 18		ner: Port		Group	Art Unit: 1645	
le. September 4, 2002						·.
S. PATENT DOCUMENTS			Class	Subclass	Filing	Date
er's Document Number Date Name Name Mo/Yr (Family Name of Fire	st Inventor	·	Class	20DC 1022	1f Approx	
AR RE 29169 4/05/1977 SCHURS ET AL						
N BR 3 7 2 0 7 6 0 3/13/1973 BENNICH ET AL						/
TN CR 3 8 5 0 5 7 8 11/26/1974 MCCONNELL			<u></u>		/	
				<u> </u>		
70/100			• .	<u> </u>		
77V ER 4 1 3 3 6 3 9 1/09/1979 HARTE						•
FR 4 1 6 6 1 0 2 8/28/1979 JOHNSON					/	•
OTT) GR 4 1 8 0 3 8 3 12/25/1979 JOHNSON				/		
TN HR 4191533 3/04/1980 BOHN ET AL		<u> </u>		 / 		
TN JR 4 2 1 9 3 3 5 8/26/1980 EBERSOLE				/		
TN JR 4 2 3 0 6 8 3 10/28/1980 DECKER	<u>:</u>		·	4		· · · · · · · · · · · · · · · · · · ·
		<u>.</u>				
37N MR 4248965 2/03/1981 MOCHIDA ET AL	DOCOWRYA	'S	1 Class	Subcla	Trans	lation <u>Availab</u>
Document Number Date Country Mo/Yr	English /	No		3000.10	Enclosed	No
	K		not !	consid	erel	XX
NK 1403323	**	V	not	conside	ned	XX
OR 5 3 6 4 6 5 92/1978 Japan	1 1		1			
BTN , PR 0 2 5 5 3 4 2 02/1988 Europe			1			
OR A30 1 7 4 2 4 7 03/1986 Europe	XX	7	1124	1000	deed	
RR 810 1 7 4 2 4 7 - 03/1986 - Europe	XX		not	407151	accept	_
B-TN SR 0 2 8 6 3 7 1 10/1988 Europe	1 2/212	Deniedi	cal Name	Date Perti	nent Pages. E	tc.)
OTHER DOCUMENTS (Including in this order Aut	nor, little	cad. Sc1	. USA 76.	pp 1420-14	424. (1979)	
UR G.B. Wisdom, "Enzyme-Immunoassay". Clinical Chem	nistry 22.	1248-12	55. 1976			
UR G.B. Wisdom, "Enzyme-Immunodssay", Crimical Cite	lietochom	vol 71	op 15-18 (1982)		
VR Micheel et al. "A Solid-PhaseFilters", Acta	mistochon.		Piochomic	try vol 1	19 DD 142-14	7 (1982)
WR Hawkes et al. "A Dot-Immunobinding AssayAnti	Dodies", Ar	ia iytica i	DICCHEMIS	55 178	ACT 710921	
XR Esen et al. "A Simple and RapidProlamins". A	nalytical	3 i ochem i s	try. voi 1	.32. pp 462-	40/ (1303)	184 BBT 7
YR Bennett et al. "An improved Procedure. Supernat	ants", Jou	rnal of	immuno logic	al Methods	, vol 61, pp 2	(41-50/ (
1/1// 1 1		` _	DATE CO	NSIDERE	n .	
MINER M		ĺ			7/25/02	
CAMINER: Initial incitation considered, whether or not considered.	itation is	in confo	rmance wit	MPEP 609;	Draw line the	rough
ition if not in conformance and not considered. Include copy	of this fo	m with	uexr commu	micación to		
. 1449 1793						_
Sept.						•

RM PTO-1449 (modified) U.S. Department of Commerce M&S FORM PAT-1449) Patent and Trademark Office	Atty. Okt. No.	M#			Client I	Ref.	
Patent and Trademark Cines	1	1 200			P 307	3 /Cont	
		283			JF .301	3,0	
FORMATION DISCLOSURE STATEMENT	Applican	t: DAVE	SEIAL				
APPLICANT	Appin. N	0 : 6	tinuati	on of I	08/87	1.641	
	Filing Da		tember	4, 200	1		
September 4, 2001 Page 10 of 18		r: Portne				nit: 1645	
ale.							
S. PATENT DOCUMENTS	:	1	Class I	Subclas	s l	Filing D	ate
ner's Document Number Date Name t Inventor)					If Appropr	iate	
als - -					+-		
The second primary					_	+	
77-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	·						
OT - 1919 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
A LANGE OF THE PARTY OF THE PAR					<u> </u>		
PECK	EL et	al		1			
2110 FR 44121717773 AVENUE ST AL							
BTN GR 4442204 4/10/1984 GREENQUIST ET AL							
BTN HR 4 4 4 7 5 2 6 5/08/1984 RUPCHOCK ET AL							
BTV IR 4 4 5 4 2 2 6 6/12/1984 ALI ET AL							·
BTN JR 4 4 6 9 7 8 7 9/04/1984 WOODS		-				· .	
BTN KR 4474878 10/02/1984 HALBERT ET AL			\	11.			
BTN LR 448392111/20/1984 COLE			1	T = V			
BIN MR 448392911/20/1984 SZOKA FOREIGN PATENT I	English A	S beteart	Class	[Subc	lass	Transl Readily	Avai la <u>ble</u>
Document Number Date Country Mo/Yr	Enclosed	No	-			Enc losed	No
Pan NR 0 2 8 1 2 0 1 09/1988 Europe			 				
1711 MK 1 012 10 13 15 19 19 19 19 19 19 19 19 19 19 19 19 19	<u> </u>		<u> </u>				
01/4 OK 112/10/09 Austerlia			<u> </u>	1		 	
Complete Transport DCT	1					 	
The section of the se			ļ			}	
2/2004 - 3/2004 - 3/2004	XX			consid		Danet H	<u></u>
OTHER DOCUMENTS (Including in this order Aut OTHER DOCUMENTS (Inclu	hor Title, rotein C	Periodic in. Chem	. Acta. vo	1 48, pp	345-34	6. (1973)	
DTM TR Norgaard-Pedersen. A Highly Sensitivea recop	ods In Enz	ymology.	vol. 73.	pp 339-34	8. (198	i)	
UR Langone et al. "Immunochemical Techniques : Neu	et no 1-6	(1987)				•	
VR Syva/a Syntex Co., Acculevel TDM Assays, Pamphlo WR T.C.J. Gribnau et al. "Affinity Chromatography	Tochniques	" Flsev	ier Scient	ific Pub	. Co. , r	op 411-424	(1982)
WR T.C.J. Gribnau et al. "Affinity Chromatography	. recinityoes	nn 339	340. 346	-348 (19	81)	·	
XR Laurell et al. "Electroimmunoassay". Academic Pr	ess. voi 7.						
YR YR		···	DATE CO	NSIDE	RD		
MINER		ì		,	1/=	5/02	_
CAMINER: Initial of citation considered, whether or not considered. Include copy	itation is	in confo	mance wit	h MPEP 6	09: Draw	line the	rough
CAMINER: Initial of citation considered, whether or not continuous in conformance and not considered. Include copy	of this fo	rm with I	next commu	<u>inication</u>	to app	i i Cant.	
1449 1A93							
· · ·							
					•		

FORM PTO-1449 (modified)	Atty.	M#) —	Clie	nt Ref.	\neg
To: U.S. Department of Commerce	Okt. No.					
(PM&S FORM PAT-1449)						
Patent and Trademark Office						
		283228		P.3	1073/Cont	
INFORMATION DISCLOSURE STATEMENT	Applicant	DAVIS E	T AL			
BY APPLICANT						
	Appin. No	.: Conti	nuatio	n of 08/8	371,641	_
	Filing Dat	e: Septe	mber 4	1		
Date: September 4, 2001 Page 11 of 18	Examiner	: Portner		Group Art	Unit: 1645	_
U.S. PATENT DOCUMENTS	•				<u></u>	1
Titlet 21 [Document Hamber]	ame f First Inventor)	Cla	55	Subclass	Filing Date If Appropriat	
······					· 1	
			·			
(- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -						
7-7-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1						
				·		
ETN ER 4 5 9 5 6 5 6 6/17/1986 ALLEN ET AL FR 4 6 5 6 1 2 9 4/07/1987 WAGNER			1			
	•		11			
BTN GR 4666866 5/19/1987 KRAUTH	· · · · · · · · · · · · · · · · · · ·		1 1			
BTN HR 4668638 5/26/1987 JANOFF ET AL			1 1			
BTN 1R 4 6 7 0 4 0 6 6/02/1987 ALLEN ET AL	•		11			
BTN JR 4 6 9 3 9 7 0 9/15/1987 O'CONNELL ET AL	00 F R		17		1	• .
DTV KR 471324912/15/1987 SCHRUDER SCHR			_			
BTN LR 4757002 7/12/1988 J00		- .	- -			
MR 4849337 7/18/1989 CALENOFF ET AL	-		-			
15 T/V NR 4 8 5 1 3 5 6 7/25/1989 CANFIELD ET AL	· ·		1		1	
DTN OR 488981612/26/1989 DAVIS					+	
PR 4 9 6 3 4 6 8 10/16/1990 OLSON	KELTONet	al.			 	
BTN QR 5 1 4 1 8 7 5 8/25/1992 KELTRON ET AL	KELION 20	~	_		1	
BTN RR 4515889 5/07/1985 KLOSE ET AL	<u>·</u>		- 	 		
STN SR 4 9 0 0 6 6 3 2/13/1990 WIE ET AL			+	 	1	
777V TR 507348412/17/1991 SWANSON ET AL				 	1	
BTN UR 4/70/30/17/10/27/1987 CAMPBELL ET AL				 		
BTN VR 3420205 1/07/1969 MORISON	· · · · · · · · · · · · · · · · · · ·			 	- 	
977V WR 3437449 4/08/1969 LUCKEY				 	 	
97N XR 347512910/28/1969 PEURIFOY ET AL	ENT DOCUMENTS				Translat	ion
Document Number Date Country	English Abs	No No	Class	Subclass	Readily Ava	<u>ailable</u> No
B//V YR 9 7 9 5 2 11/1984 EPO	LITCIUSEU		cons	IDERED		-
MINER		DATE		5/02		
TAMENER! Initial if citation considered, whether or no	t citation is in c	onformance	with MP	EP 609: Drav	line through	
ition if not in conformance and not considered. Include c	copy of this form w	ith next c	ommunica	TION to app	I TCant.	

)

•	lam.	M#				Client F	Ref.	
FORM PTO-1449 (modified)	Atty. Dkl. No.	1						1
To: U.S. Department of Commerce		1				1		ŀ
(PM&S FORM PAT-1449) Patent and Trademark Office		1				Ì]
1 alone see	}	283	228			P.307	3/Cont	
	Applican			AL				
INFORMATION DISCLOSURE STATEMENT	1 ' '							
BY APPLICANT	Appln. N	10.:	Continu	ation	n of	08/87	1,641	
· •	Filing Da	ate: S	eptembe	r 4,	2001	<u> </u>		
September 4, 2001 Page 12 of 18	Examin	er: Pc	rtner		Grou	p Art Ur	nit: 1645	
Date: September 4, 2002 tost 1 12						<u> </u>		
U.S. PATENT DOCUMENTS		1	Class) Su	ibc lass	1 1 1 1	Filing Dat Appropria	ie ate
niner's Document Number Ho/Yr (Family Name of First	Inventor)			+	-			
POTN AR 3798004 3/19/1974 ZERACHIA ET AL				-		 		1
PALIFE ET AL				-		1-1-		T.
THE PERSON NAMED IN COLUMN TO				+-		 		
DIRECTOR PROPERTY BALLED ET AL						+-+		
7-1/						+		
			\	}		╂╾╂╼╾		+
DIERCE ET AL						+-+-	<u> </u>	
		<u>:</u>	\	}-		 		
BTN HR 4 2 7 4 8 3 2 6/23/1981 WU ET AL			1			- 		
977 IR 4 3 4 7 3 1 2 8/31/1982 BROWN ET AL			1			+-+-		
77N, JR 4374925 2/22/1983 L1TMAN ET AL		· 				+++		
OTN KR 4425438 1/10/1984 BAUMAN ET AL				-		+-+		
DTN LR 4 4 4 4 11 9 3 4/24/1984 FOGT ET AL	•	<u> </u>		 		╅╌┾		 -
BTN MR 4446232 5/01/1984 LIOTTA				1		+-+	<u></u>	
677 NR 4517288 5/14/1985 GIEGEL ET AL				11		+-+		
OTTN OR 3 7 2 3 0 6 4 3/27/1973 LIOTTA		· .				+	<u> </u>	
02 TV PR 3 7 4 4 9 7 5 7/10/1973 MAILEN				<u> </u>				
37N OR 4 0 8 7 3 2 6 5/02/1978 KERELUK				<u> </u>				
BTN RR 4 0 8 7 3 3 2 5/02/1978 HANSEN								
BTN SR 4 1 2 3 1 7 3 10/31/1978 BULLOCK ET AL				<u> </u>				
BTN TR 41133639 1/09/1979 HARTE					<u> </u>			
BTN UR 4 2 2 5 5 5 8 9/30/1980 PETERSON ET AL					1			
BTN VR 423302911/11/1980 COLUMBUS						<u> </u>		<u> </u>
BIN WR 423723412/02/1980 MEUNIER								-
BIN XR 4 2 4 4 9 1 6 1/13/1981 GUIGAN FOREIGN PATEN	T DOCUME!	NTS		Class		Subclass	Readil	slation y Availabl
Locament Number Date Country	English Enclosed	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	o O		——		Enclose	d No
Mo/Yr		1	DATE	CONS	SIDE	RED	•	•
MINER		٠.			7/	25/0	Jine the	ough
AMINER: IntiaVif citation considered, whether or not of aminer: Include copyrights and not considered. Include copyrights and not considered.	itation is	in co	nformance th next c	with b communic	WEP (n to appl	icant.	
ition if not in contormente	y of this it	<u> </u>			•	٠.		
1449 1793	-					•		

FORM PTO-1449 (modified)	Atty. M	1#	C	lient R f.
To: U.S. Department of Commerce	DKL NO.			
(PM&S FORM PAT-1449) Patent and Trademark Office				
Patent and Trademark Office				
		283228		2.3073/Cont
INFORMATION DISCLOSURE STATEMENT	Applicant: 1	DAVIS ET AL		
BY APPLICANT				1021 (/1
		Continuat		871,641
	·	September		
Date: September 4, 2001 Page 13 of 18	Examiner: I	Portner	Group A	rt Unit: 1645
U.S. PATENT DOCUMENTS			<u></u> <u>.</u>	
		Class	Subclass	Filing Date If Appropriate
ials Mo/Yr (Family Name of Fi	irst Inventor)	 		TT Appropriete
STN AR 4270921 6/02/1981 GRAAS		+	 	
2TN, BR 4279862 7/21/1981 BRETAUDIERE ET AL	<u> </u>			
OTV CR 4 2 9 8 3 4 5 11/03/1981 SODICKSON ET AL			-	
OTIN DR 4 3 0 1 1 3 9 11/17/1981 FEINGERS ET AL				\ <u> </u>
BTN ER 4323536 4/06/1982 COLUMBUS				·
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				
OTN FR 4 3 3 8 0 9 4 7/06/1982 ELAHI				
91N GR 43738112 2/15/1983 STEIN ET AL				
BTV HR 4938927 7/03/1990 KELTON ET AL		++		
IR 5 0 7 3 3 4 0 12/17/1991 COVINGTON			 	
BIN JR 4 9 0 4 5 8 3 2/27/1990 MAPES ET AL	<u> </u>		- 	
STN KR 487471010/17/1989 PIRAN				
BTN LR 4855240 B/08/1989 ROSENSTEIN ET AL				
P-TN MR 4 7 4 3 5 6 0 5/10/1988 CAMPBELL ET AL				
67N NR 4 2 5 6 7 2 5 3/17/1981 RUTHER ET AL				<u> </u>
P5TN OR 4 2 5 6 7 2 4 3/17/1981 RUTNER ET AL				
#-M				
O A TRAIN TELY SUBSECTION OF THE PROPERTY OF T				
BTN RR 4112094510/17/1978 GUTCHO ET AL				
BTV SR 4916056 4/10/1990 BROWN		-1-1		
15TN TR 436387412/14/1982 GREENQUIST			- - .	
BTN UR 448392811/20/1984 SUZUTA ET AL	<u> </u>			
BTV, VR 4590170 5/20/1986 AKIYOSHI ET AL	·	\		
977V WR 4650769 3/17/1987 KAKIMI ET AL			- ' 	
BOTAL VO ALEIGIZING SCOCKIONE NAGATOMO ET AL				Translation
	English Abstr	ract Class	Subclas	s Readily Availab
Ho/Yr	Enclosed No	<u> </u>		Enclosed No
MINER	' ' 1	DATE CO	NSIDERED	1-1
		A	7	25/02
CAMINEE: Initial if ditation considered, whether or not out on if not in conformance and not considered. Include cop	citation is in CON v of this form wit	normance with the next community	nrer ous: Ur ication to ap	ow Time Chrough plicant.
1449 1/93				. –

FORM PTO-1449 (modified) To: U.S. Department of Commerce (PM&S FORM PAT-1449) Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT PM APPLICANT Date: September 4, 2001 Page 14 of 18 Examiner: Portner Group Art Unit: 1645 U.S. PATENT DOCUMENTS INER'S Document Number Date (Family Name of First Inventor) AR BR BR GR GR GR GR GR
To: U.S. Department of Commerce (PM&S FORM PAT-1449) Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT PX APPLICANT Date: September 4, 2001 Page 14 of 18 Examiner: Portner Group Art Unit: 1645 U.S. PATENT DOCUMENTS Inter's Document Number Date Wo/Yr (Family Name of First Inventor) OR OR OR OR OR OR OR OR OR O
(PM&S FORM PAT-1449) Patent and Trademark Office 283228 P.3073/Cont Applicant: DAVIS ET AL Applin. No. Continuation of 08/871,641 Filing Date: September 4, 2001 Date: September 4, 2001 Date: September 4, 2001 Date: September 4, 2001 Examiner: Portner Group Art Unit: 1645 U.S. PATENT DOCUMENTS AR BR OR OR DR GR GR GR GR GR GR
Patent and Trademark Office 283228 P.3073/Cont Applicant: DAVIS ET AL Appln. No. Continuation of 08/871,641 Filing Date: September 4, 2001 Page 14 of 18 Examiner: Portner Group Art Unit: 1645 U.S. PATENT DOCUMENTS Name (Family Name of First Inventor) AR OR OR OR OR OR OR OR OR OR
Applicant: DAVIS ET AL Applic
Appln. No. Continuation of 08/871,641 Filing Date: September 4, 2001 Date: September 4, 2001 Date: September 4, 2001 Page 14 of 18 Examiner: Portner Group Art Unit: 1645 U.S. PATENT DOCUMENTS U.S. PATENT DOCUMENTS AR DOCUMENT Number Date Mo/Yr (Family Name of First Inventor) BR OR DR OR
Appln. No. Continuation of 08/871,641 Filing Date: September 4, 2001 Page 14 of 18 Examiner: Portner Group Art Unit: 1645 U.S. PATENT DOCUMENTS Iner's Document Number Date Mo/Yr (Family Name of First Inventor) BR CR CR CR CR CR CR CR CR CR
Appln. No. Continuation of 08/871,641 Filing Date: September 4, 2001 Page 14 of 18 Examiner: Portner Group Art Unit: 1645 U.S. PATENT DOCUMENTS Iner's Document Number Date Wolfr (Family Name of First Inventor) AR DR DR GR GR GR GR
Filing Date: September 4, 2001 Page 14 of 18 Examiner: Portner Group Art Unit: 1645 U.S. PATENT DOCUMENTS Uniter's Document Number Date Ho/Yr (Family Name of First Inventor) AR
Date: September 4, 2001 Page 14 of 18 Examiner: Portner Group Art Unit: 1645 U.S. PATENT DOCUMENTS Iner's Document Number Date Ho/Yr (Family Name of First Inventor) AR DOCUMENT Number OR (Family Name of First Inventor) BR DR DR DR DR DR DR DR DR DR DR DR DR DR
Date: September 4, 2001 Page 14 of 18 Examiner U.S. PATENT DOCUMENTS Iner's Document Number Date Name (Family Name of First Inventor) Class Subclass Filing Date If Appropriate AR
U.S. PATENT DOCUMENTS
Name Name
Document Name of First Inventor
AR BR C C C C C C C C C C C C C C C C C C
BR
CR DR FR GR HR
DR
ER
ER
FR GR HR
GR HR
HR HR
HR HR
IR I
JR JR
LR Translation
NR 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Document Number Date Country English Abstract Class Subclass Readily Available Enclosed No
NR NR
OR OR
PR PR
RR
THER DOCUMENTS (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, Etc.)
THER DOCUMENTS (Including in single-series of the Controlled Nucleation for the Regulation of the
TR Frens. G., Nature Physical Science, Controlled Not regernery 1, 1973, pp. 1-3,
TR Frens, 6., Nature Timpies State of Suspensions", Vol. 241, January 1, 1973, pp. 1-3. Particle Size in Monodisperse Gold Suspensions", Vol. 241, January 1, 1973, pp. 1-3.
UR Hoye, Age, "Determination of Radiochemical High-Voltage Electrophoresis".
28 (1967), pp. 379-384.
/ VR Hsu, "Immunogold for Detection of Antigen on Nitrocellulose Paper", Analytical
VR Hsu. "Immunogold for Detection of Antique un introdes reserved
Biochemistry, Vol. 142, (1984), pp. 221-225. DATE CONSIDERED
MINER 17/25/02
CAMINER: Initial if oftation considered, whether or not citation is in conformance with MPEP 609: Draw line through stion if not in conformance and not considered. Include copy of this form with next communication to applicant.
TANTAPPI INITIAL II WESTERN STATE OF THE FORM WITH HEXT COMMUNICACION OF THE

ORM P	TO-1	1449	(mo	difie	ed)	me	erce	· · · · ·		Atty. Dkl. No.	M#			Client l	Ref.	
M&S F	OR	и РА	T-14	49)												.
Р	aten	and	Tra	den	nark	0	ffice		•							<u> </u>
											; 2	83228		P.307	3/Cont	
							LIDE ST	ATERRENIT	r	Applicar	nt: DA	VIS ET AL				
FOR	AMS	TIO	N D	150	JL	US	OKE 31	ATEMENT		1 ' '						
Y AP	PLI	CAN	• •					•		Appin. N	10.: CC	ntinuat	ion of C	08/87	,641	
.'										Filing D	ate: Se	ptember	4, 2001	<u> </u>		
ate:	Sep	tem	oer	4	, 2	200	1 Page	15 of	18	Examin			Group	Art Ur	nit: 1645	
.S. P																
ner's		Docu					Date Mo/Yr	(Fami	Name Name of F	irst Inventor)		Class	Subclass	1	Filing Da F Appropri	ite ate
315	ł			Π	П	\sqcap				· 			ļ · .	_}_	·	
	AR	 	\dagger	H	\dagger	Π						· ·	 			
	BR ·	+-	+	††	+	†			• .							
	CR	+-	╫	H	十	$\dagger \dagger$							<u> </u>			
	DR	╁╌	╁	H	十	Н						٠.	<u> </u>			
	ER	+-	₩	H	╁	Н	· -	-							<u> </u>	•
	FR	4	₩	\mathbb{H}	+	╁										
	GR	4	44	+	H	╁		 		B .			T			
	HE	4_	44	4	H	+	 	· · · · · ·			·	•				
	11	1	4	1	igoplus	4	 	 								
	<u></u>	Ř L	Ц		Ц	4	 	 					· ·			
	<u> </u> K	R		Ц	11	4		 		 -			1			•
	1	R		Ц	Ц	Ц						 				
	1	R		Ц		Щ		PORC	TON PATEN	DOCUMENTS	3		1 5:4-1		Transla Readily /	tion vailable
		10	ocum	ent	Nu	mbe	r Date		ountry	English At	No No	Class	Subcl	922	nclosed	No
	+		_	77	$\overline{}$	П	Mo/Yr			- LILE ISSUE						
		NR .	-	44	+	H										
	\dashv	OR	4	+	+	╀	 						· \			
	\perp	PR		4	╀	╀								. \		
	_	OR		4	\sqcup	+	 				:					
		RR			\coprod	4	 				<u> </u>					
		SR		Ш	Ц	Ţ		is order Au	thor litle.	Periodical Na	ne. Dat	e Pertine	nt Pages	tc.)		[
THE	R D	<u>ocu</u>	<u>irn</u>	TS_	(1n	<u>c iu</u>	101119 111 CI		ationic	Method" Bi	ochemic	al and Big	ophysical			
2-	n /	ŢR	<u>Su</u>	<u>rek</u>	<u>et</u>	<u>a1</u>	-visuali	Zacton of F	May 1 100	M nn 284-289)		·			
DL		<u> </u>	Re	sea	rch	Co	munication	15. VO1. 12.	1. FIGY 1. 125	14. pp. 284-289 Outination*, Jo	nurnal (of Immunol	ogical Meth	nods.	<u> </u>	-\
		UR							<u>, , nemago</u>	TUCTHECTON , D	JUL 110 .				<u> </u>	
		<u> </u>	3		<u> 198</u>	0).	pp. 11-21	<u>. </u>	·		1050	22 775 7	84-787. (a	nd		
_	-, 1	VR	1						ikalischen C	hemie". Berlin	7300.	<u>, , , , , , , , , , , , , , , , , , , </u>	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>			
7	π		En	9119	sh t	rar	nslation).		•		- 	DATE C	ONEIDER	KD /		
H B7	<i>/</i>	_		$\overline{}$							ĺ		7/5	5/0	2	
197 197	INB		イ								1					
		Į	5	4	3 14	بني	tation con	nsidered. W	hether or not	citation is opy of this fo	in conf	onnance wi	L NOED KN	O. Draw	line thr	ough

FORM P	TO-14	49 (mo	difi	ed))							Atty. Dkt. No		M#			Clien	tR f.	
To: U.S. (PM&S F	Depa ORM	mme PAT	ent [-14	or (149	اص ا		er	Ce		•										
Pivido P	atent	and	Tra	der	na	rk (Off	ice					1	ı				ļ		
														ļ	2832	28		P.30	073/Cont	
-						_							Appli			IS ET AL		<u> </u>		
INFOR	MAT	ION	- D	IS	CL	-0	SI	URE STA	AIEN	MENI										
BY AP	PLIC	AN	i										Appir	ı. No	.: Co	ntinuat	ion of 0	8/87	71,641	
}													Filing				r 4, 200			
	.	ъ				20	Λ1	Page	16	of	18	\neg			: Port	ner	Group	Art l	Jnit: 1645	
Date:									1	<u> </u>		\(\frac{1}{2}\)			-		٠.,	• • •		
U.S. PA												Name			1.	Class I	Subclass	1	Filing 0	Date
miner's tials		Docu	men	t N		er —	L	Date Mo/Yr		(Family	y Name	of First	Invento	<u> </u>			-	- -	If Appropr	<u>·late</u>
	AR			П													<u></u>	- 		
	BR	\Box	1	П	Ī	T	F									·			·	
	CR		1	Π	П	T	Τ				-							<u> </u>		
			\dagger	Ħ	H	†	T					•								 .
	DR	-	H	T	H	十	t									•		<u> </u>	·	
	ER	├-	Н	╁	Н	\dashv	\dagger									•				·
	FR	-	Н	╁	Н	Н	+		1											
	GR	├-	Н	+	+	Н	+	 	├──								· .			
	HR	 	H	+	╀	Н	+		\vdash					<u>-</u> -	一十				,	
	IR	↓_	₽	\dashv	╀	H	+		╂						-+		1	\neg		·
	JR	1	L	Н	4	\vdash	4		┼								1	_		
	KR	1	\downarrow	Ц	+	$\downarrow \downarrow$	Н		┼								 			
	LR		1	Ц	1	\perp	Ц		4-	• •				<u> </u>						
	ME		1.	Ц	1				1	•	N-4236	TENT TO	CUMEN	TS				〓	Transla	at lon
	1	100	CUT	ent	. N	mb	er	Date					English Abstrac Enclosed No			Class	Subclass		Readily A	Available I No
		+-	_	Ť	П	_	Т	Mo/Yr	1-	٠,			TIC 103EG	 "						
	N	2	+	\mathcal{H}	Н	╬	╀	 	+-				· · · · · · · · · · · · · · · · · · ·	+	•					
	<u> </u>	R	4	+	Н	+	╀	<u> </u>	+				<u> </u>	1						
	<u> </u>	R.	_}	1	Н	+	+	 	+-					╁				,		
		R	_	4	\sqcup	$oldsymbol{\perp}$	+	 	+					╁╾						
		IR		\perp	\perp	Ц	4	<u> </u>						+-		+	_		 	
		SR			Ļ	Ц	1	 	1 074	or Auth	or II	tle Peri	ndical	Name.	Date	Pertinent	Pages, Et	<u></u>	 	†
THE	R DO	COMO I	BN	rs	(1)	nc I	na.	ing in thi	s oru	er Aucii		Marchan .	-aldor*	Anna	lon d	er Chemie.	301 (1898)).	\	· · · · · · · · · · · · · · · · · · ·
D ~	~ }	1.		-								i i i schen	401062	·	JIEN U	CT OHEMPS	301 (1898)		T .	
12/	7/-		DD.	28	<u>- 55</u>		an	d English	trans	slation))		· · · · · · ·	<u> </u>	70.1	43 (and 5	ing 11sh	-	•	
	$/ \parallel$	UR	Sa	hlb	OM,		(<u>o</u> i	loidchemi	sche l	<u>Beiheft</u>	e. Ban	<u>d II. (19</u>	10-1911) <u>, pp</u>	<u>. 78-)</u>	41. (and E	11411311			1
	\Box	_				101													1	
Di	n Ì	VR.														say Reguir			-	+
1/	/		No	<u>I</u> r	nst		en	tation". C	linic	al Chem	istry.	. Vol. 31	No. 7.	1985	DD.	1144-1150 DATE CO	NS I DEREI	,		
WI	NER						٠.				_				i		7/2	5/	02	
733	7/	12	$\frac{2}{3}$	بب	12	1 0	2	ation cons	idere	ed, whet	her o	r not cit	ation is	in c	confor	mance with	MPEP 609:	Draw	line thro	ugh
itic	n f	not	in	con	for	mar	<u>ice</u>	and not	cons 10	dered.	Inclu	de copy o	f this i	form v	with r	iext commu	ication to	app i	ICOIIL.	٠.

FORM F		1449	(m	odi	fiec	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>							Atty.		M#				Client Ref.		7	
To: U.S	. De	partn	nen	t of	Co	mn	nerce	:					Dki. N	0.	1							
(PM&S	FOR	M PA	(T-1	44! ade	9) •m=	ark	Offici	.														
	21611	. 611	• ••	600	,,,,,										<u> </u>						4	
																<u> 283228</u>			P.3073/C	ont	\dashv	
				DIS	C	LO	SUI	RE ST	ATEMEN	1T			Appli	icant:	: DA'	VIS ET	AL					
RY AP	PLI	CAI	T												C		ario	on of Of	3/871,64	1	┥	
_ }																	_				+	
						_						٦	Filing				er (4, 2001	Art Unit: 16	345	┥	
Date: ·								Page	17 of	11	<u> </u>	<u> </u>	Exan		. Pui	urer		Group z		49		
U:S. P/	ATE	NT·E	000	CU	ME	N٦	<u>rs</u>			<u> </u>								 ,				
miner's		Docu	men	rt N	unit	ær	. D	ate o/Yr	(Fan	11 Na	Name me of F	irst I	nvento	or)	\perp	Class	1	Subclass	IT Appr	g Date opriate	-	
	AR		П	П											_			·	<u> </u>		-	
	BR			П				•						٠.	1		_	·	ļ		<u>.</u> :	
	CR	Π	П	П	H	T				•							1		<u> </u>		<u>.</u>	
	DR	<u> </u>	$ \uparrow $	+	Π	T													· .			
	ER	 	П	1	П	1													<u> </u>	· · · · · · · · · · · · · · · · · · ·	_	
	FR	T	H	\dagger	П	†					•			·					<u></u>	•	_	
		╁╴	H	\dagger	H	T	†										\prod	·	T			
	GR	╁╌	H	╁	Н	+	†						•					•			_	
	HR	+	H	\dagger	H		1.													•	_	
<u> </u>	IR	7	H	+	H	\forall	十一									•					_	
	JR	\neg	H	+	Н	H	+														_	
	KR		╁	H	+	H	+	· ·													_	
	LF	T	╁	H	十	Н	+-		·											•		
	MF			H	_		<u> </u>				ATENT	boe	THEN	TB	·	Class		Subclass		slation y Availab	— le	
		Do	cum	ent	Nu	mbe	r	Date Mo/Yr						losed No			0.000			Enclosed No		
	- N	R						;										·				
	0	R	T							_			-						_	<u> </u>		
	P	R	:						\													
	1	R	T		П	T											•				_	
	$\neg \vdash$	R	•	\cdot	Π				1						<u>.</u>						_	
			1	T	П		\prod		·						<u> </u>	D		2005 745				
THER	DO	COM							s order Au										1	1	٠	
וה-ת	/ :	IR	Van	He	n.	eţ	al.	<u> Part</u>	<u>icle immun</u>	Vesseo	s Cha	<u>pter 4</u>	. Alte	rnat	ive Ir	munoassa	ays.	COLLINS.			_	
BIV	_	_		_	_	_	9-58		•				<u> </u>					· · · · ·		+		
		- 11			_				Sol Parti													
	\bot								No. 1-4													
2		VR	Moed	rer	nan:	50	et al	•Ser	nsitive Vi	<u>sualiza</u>	ation .	<u> S</u>	<u>traini</u>	ng".	Journ	al of lm	muno	l oqtal			_	
1//	<u> </u>		Meti	nod:	s <u>.</u> :	74_	(1984	. סס (353-360.			· ·			1	DATE C	ONS	I DERED		<u>· </u>		
MIMA							· _ ^				•				İ			7/25	5/02			
XAMI	NER	ΥД	上 nit	A	4	\$6 11	tatio	n cons	idered. wh	ether (or not	citati	on is	in c	onfort	nance wit	th M	EP 609: Dr	aw line the	rough	_	
ation	11	not i	n c	onf	OF	anc	e and	not c	onsidered.	Incl	ude cop	y of t	his fo	ש שוכ	ith n	ext comm	un1C	arion to ap	piicant.			
	·	′		•					٠							•			•	-	•	
محمد.												•	. •					•				

												- 1444		M#	_`			Clien	t Ref.		\neg
FORM P	TO-1	449	mo	difi	ed)					•		Att	/. . No.	IVIII		•			• • • • • • • • • • • • • • • • • • • •		
To: U.S.	Dep		ent :	01 C	ют V	ПТ	erce										}			•	- 1
PM&S F	okiv	and	Tra	den) nad	k C	office	•													
• •														. 29	3228	<u> </u>					
												-		<u> </u>				P.3L	073 /Con	<u>E</u>	
INFOR	MAT	101	1 D	IS	CL	OS	SUR	E ST	ATEM	ENT		Ap	plica	nt: DA	VIS E	IAL					1
RY AP	PLIC	AN	T									-					-6.00	. / 0 :	71 6/1		\dashv
• }	•									*							on of O	3/ 6 /	71,041		
																mber	4, 2001				
Date:	Sept	ent	er	4	, 2	20	01_	Page	18	of 18	3	E	amin	er: Por	tner		Group /	Art L	Jnit: 164	5	-
U.S. PA	TEN	T D	OC	UM	IEN	IT:	 S														
miner's		Docu						ate			Name			i	ĆΊa	SS	Subclass	1	Filing	Date	_
miner s		0000		· ·		Ţ.		o/Yr		<u>Family Na</u>	me of Fir	st Inv	entor)	 +				+	IfAppro	priati	<u></u>
	AR				1	L	<u> </u>	•						\longrightarrow				4—		·	
	BR		T															4-			
	CR		T	П		Τ	ŀ		- - -	•	_							\perp			·
			$\dag \dagger$	Ħ	十	T													···		
	DR	_	H	+	H	十	+-		<u> </u>	•					•		•	\top			
	ER	-	Н	╁	H	╁	┼─		-							$\neg \neg$		1			
	FR	<u> </u>		4	H	+	┼		 		·							+	<u></u>		
	GR		Ц	1	Ц	4	ļ		ļ									+	<u> </u>		
	HR	1	П		Ц	┙	1_		<u> </u>					·	<u> </u>			+			
	IR		П				1		·				,					4			
	JR	1	Π	T	П	T					· —						<u> </u>				
	1	7	Ħ	1	Π	1	1														
	KR	1	H	\dagger	Ħ	\sqcap	+-											1			
	LB		╁	H	H	H	╅╴		+	·		•						\neg			
	MR	<u></u>	1_	Ц	<u>_</u>	Ц			707	KETUN T	KTENT	וטספט	RNT	<u> </u>	·		Cubalan	二	Trans	latio	ก
	T	Do	cun	ent	Nu	ipe	:r	Date Mo/Yr	1 Country I E			Eng lo	English Abstract nclosed No			Class Subc		Readily Ave			No
	+	+	Т	П	Т	П									1			1	·		
	NF.	_	+	Н	+	H	H^-		+	· · · · · · · · · · · · · · · · · · ·		<u> </u>	.		T					Τ.	
	0	4	+	H	+	╁	₩-		+			1	_		1			\neg			
	P	1	+	H	+	╀	╁					 			+	· :	 			1	
	و إ	R L	4	\bot	4	╀	₩-			· .		-	-		┼─		 		 	+	
	R	R		\perp	Ц	1	-					-			╂				 		
-	\s	R.	1		Ш	L					**** B	1		n Nato	905	tinent	Pages Itc		 	+	
THER																	Pages, Etc		Ì	1	:
D-71	/ 1	r L	euv	<u>eri</u>	nq.	et	<u>a1.</u>	<u> "So1</u>	<u>Particl</u>	<u>e immunoa</u>	ssay (SP1	A)", A	<u>bstra</u>	rt. Jour	1 6nr	if Immur	oassay.		 		
DIV			(1).	pp.	77	7-91	(1980).		·									 	┷╂╾	
	П	.r. lι	.euv	eri	ng.	et	t al <u>.</u>	*Opti	<u>imizatio</u>	n of a Sa	ndwich So	٠ 10	. Gon	adotrop	nin".	Journa	of				
/		17), pp. 17											
$\frac{-t}{2}$	+		111110	110	<u>041</u>													•	.		
KITT	V	VR												:					T .	T	
MINA	RP.			_	_							_		Ť	DATI	CON	IDERED				
		1/	h) ,	~^ ·	!!	ر د ر ا					•					7/2	<u>5(0</u>	,~/		
IMAX	NER	#1	nit	টি	17	A	tatio	on cons	idered.	whether	or not ci	tation	is i	confor	mance	with F	PEP 609: 0 ation to a	Wan	line thr	ough	
ation	if r	dt i	n c	<u>onf</u>	Om.	nc	e an	a not c	ons1der	ed. Incl	nae coby	or thi	s ton	n WILN I	ICAL (<u>. Simple I</u>	.ac 100 to 6	<u>ו עעי</u>	·.	:	
~~ `		V																			
.)																					